09/608886

| Sheet 3 of | 3/C | 77700 | | | | 1756 |
|------------|------|-------------------|-------|--------------------|-----------|------------------|
| N Off | \A86 | 6,039,898 | | Glushko | 03/21/00 | 3/00 |
| and | A87. | 6,052,35 3 | | Gudesen et al. | 04 1 8/00 | 4/00 |
| m | A88 | V6,052,465 | | Gotoh et al. | 04/18/00 | _ 4/00 |
| w | A89 | 6,071,671 | | Glushko et al. | 06/06/00 | |
| ar | A90 | 6,094,413 | | Guerra | 07/25/00 | 3 7 300 m |
| m | A91 | 6,104,561 | | Braithwaite et al. | 08/15/00 | 2 8Ta Ω |
| 1. I | A92 | 6,104,686 | | Whitcher et al. | 08/15/00 | 88/00 |
| m | A93 | 6,115,344 | \ | Gudesen et al. | 09/05/00 | 39/go S |
| W | A94 | 6,122,245 | | Kondo et al. | 09/19/00 | 2 9/00 |
| w | A95 | 6,122,373 | | Gotoh et al. | 09/19/00 | 0 9/00 |
| Wh | A96 | 6,125,181 | HAU | Gotoh et al. | 09/26/00 | 9/00 |
| in | A97 | 6,128,388 | Wido | Gotoh et al. | 10/03/00 | 10/00 |
| an | A98 | 6,141,419 | 14/00 | Gotoh et al. | 10/31/00 | 10/00 |
| W | A99 | 6,144,742 | 11/08 | Gotoh et al. | 1 1/07/00 | 11/00 |
| W | A100 | 6,157,551 | 12/00 | Barak et al. | 12/05/00 | 12/00 |
| au | A101 | 6,160,888 | 18/00 | Gotoh et al. | 12/12/00 | 1490 |
| W | A102 | 6,173,109 B1 | Oi Di | Quan | 01/09/01 | 09/01 |
| u, | A103 | 6,175,629 B1 | Loi | Gotoh et al. | 01/16/01 | 01/01 |
| au | A104 | 6,188,659 B1 | 2/49 | Mueller et al. | 02/13/01 | 02/01 |
| WOO | A105 | 6,192,475 | 2404 | Wallace | 02/20/01 | 02/01 |

FOREIGN PATENT DOCUMENTS

| DAMINITE 5 | Cite No. | Foreign Patent Document | | ment | Name of Patentee or Applicant of Cited | Date of Publication of | Translation |
|------------|-------------|-------------------------|-----------|--------------|--|------------------------------|-------------|
| | | Office/ Country | Number | Kind Code | Document (not necessary) | Cited Document MM-DD-YYYY | (Y/N) |
| WAS | Bi | JP | 1-211285 | | Hiroshige et al. | 08/2/4/89 | N |
| an i | B2 | JР | 4-128834 | | Kawamoto | 04/3/0/92 | Y |
| M | B3 | JР | 6-204371 | | Hasegawa et al. | 02/9/1/94 | N |
| 4-1 | B4 | JР | 9-292071 | | Hayashi et al. | 11/1/1/97 | N |
| ge | B5 | JP | 11-126425 | | Kobayahsi | 05/1/1/99 | N |
| ac | B6 | wo | 99/14055 | | McCallum | 03/28/99 | N |
| and the | В7 | WO | 99/55055 | | Kupka | 10/2/8/99 | N |

OTHER ART — NON PATENT LITERATURE DOCUMENTS

| Examiner's | Cite | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the | Translati | ion |
|------------|------|--|-----------|-----|
| Initials# | No | item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue | (Y/N) | , [|
| | | number(s), publisher, city and/or country where published. | | |
| 14 . 41 | C1 | TARKKA, Richard M., et al., "Holographic storage in a near-ir sensitive photochromic dye," Optics | | |
| WAV | | Communications, vol. 109, pp. 54-58, June 15, 1994. | | |
| VC 1 | 1 | 1 | 1 1 | |

| EXAMINER | There to Iran | DATE CONSIDERED | 12/2/08 |
|----------|---------------|-----------------|---------|

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ________, filed ________, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

| GIF L. CO. | | |
|--|--------------------------------|------------------------------|
| FORM PTO-1449/A and B (Modified) | APPLICATION NO.: 09/608,886 | ATTY. DOCKET NO.: L0532/7012 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | FILING DATE: June 30, 2000 | |
| STATEMENT BY APPLICANT | APPLICANT: Selinfreund, et al. | 1756 |
| Sheet 1 of 3 | GROUP ART UNIT: 2752 | EXAMINER: Unassigned |

U.S. PATENT DOCUMENTS

| Examiner's | Cite | | | Name of Patentee or Applicant of Cited | Date of Publication or of issue of Cited Document | | |
|--|------|-----------|--------------|--|--|--|--|
| Initials# | No. | Number | Kind Code | Document | MM-DD-YYY | | |
| WAS | A1 | 4,542,288 | | Drexler | 09/)/7/85 | | |
| u-1 | A2 | 4,577,289 | | Comerford et al. | 03/1/8/86 | | |
| a | A3 | 4,677,604 | | Selby, III et al. | 06/36/87 | | |
| re | A4 | 4,734,796 | | Grynberg et al. | 03/29/88 | | |
| ar | A5 | 4,823,210 | | Bond | | | |
| he | A6 | 4,849,836 | | Kachikian | 07/1/8/89 8 - 1 | | |
| w | A7 | 4,858,036 | , | Ginkel | 08/1/5/89 & . 2 | | |
| a | A8 | 4,866,769 | | Karp | 08/y5/89 C - Z 09/y2/89 & Z III 11/g7/89 Z III | | |
| in | A9 | 4,879,704 | 00 | Takagi et al. | 11/97/89 | | |
| lie | A10 | 4,975,898 | | Yoshida | 12/04/90 | | |
| W | A11 | 5,027,396 | | Platteter et al. | 06/25/91 | | |
| iu | A12 | 5,243,411 | | Shirochi et al. | 09/9/1/93 | | |
| 4 | A13 | 5,265,082 | | Gniwek et al. | 11/2/3/93 | | |
| m | A14 | 5,267,311 | | Bakhoum | 11/20/93 | | |
| ut | A15 | 5,311,494 | | Sugita et al. | 05/10/94 | | |
| u | A16 | 5,338,067 | | Gundjian | 08/16/94 | | |
| u | A17 | 5,379,433 | | Yamagishi | 01/9/3/95 | | |
| u | A18 | 5,381,476 | | Kimoto et al. | 01/10/95 | | |
| in \ | A19 | 5,399,451 | | Hashida et al. | 03/21/95 | | |
| 1 | A20 | 5,400,319 | | Fite et al. | 03/21/95 | | |
| | A21 | 5,418,852 | | Itami et al. | 05/23/95 | | |
| in | A22 | 5,426,625 | | Bui et al. | 06/20/95 | | |
| int | A23 | 5,430,281 | | Lentz et al. | 07/94/95 | | |
| 4 | A24 | 5,453,968 | | Veldhuis et al. | 09/23/95 | | |
| au) | A25 | 5,461,239 | | Atherton | 10/2/4/95 | | |
| all | A26 | 5,473,584 | | Oshima | 12/0 8 /95 | | |
| die- | A27 | 5,475,468 | | Natsudaira | 12/1/2/195 | | |
| a | A28 | 5,510,163 | | Sullivan | 04/28/96 | | |
| the state of the s | A29 | 5,513,169 | | Fite et al. | 04/20/96 | | |
| EL+ | A30 | 5,513,260 | | Ryan | 04/3/0/96 | | |
| ac) | A31 | 5,532,104 | | Goto | 07/92/96 | | |
| 421 | A32 | 5,538,773 | | Kondo | 07/28/96 | | |
| net | A33 | 5,563,947 | | Kikinis | 10/98/96 | | |
| de 1 | A34 | 5,569,613 | | Yang | 10/28/96 | | |
| act | A35 | 5,570,379 | | Sasaki et al. | 10/29/196 | | |
| AN | A36 | 5,572,589 | | Waters et al. | 11/98/96 | | |
| no de | A37 | 5,574,787 | | Ryan | 11/2/96 | | |

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Enjan Wall

| • | OE VC | | 09/609886 1° |
|------------|---|-----------------------|------------------------------|
| Sheet 2 of | A\$8 MP\$ 387,984 | | M. Aucharia |
| WAY | A\$8 \$79,587,984 | Owa et al. | 12/24/96 |
| 1/1 | A30 5,592,454 | ? I I | 01/67/97 |
| " | A40 A55596 639 | | 01/21/97 |
| | | Kikinis | 01/21/97 |
| | | Ogihara et al. | 03/94/97 |
| | | Ito et al. Bakhoum | 03/1/8/97 |
| | | | <u> </u> |
| | - | Singh Clark et al. | 05/ X 3/97 3 ≤ |
| 4 | | | 05/1/3/97 |
| | | Langer et al. Rhoads | 05/27/97 6 2 |
| 1 | | Braithwaite et al. | 07181/97 |
| | | | 0716/1/97 eg 20 |
| are) | | Nakayama et al. | 07/26/07 |
| W. | A50 5,652,838 | Lovett et al. | 03/25/97 |
| | A51 5,661,703 | Moribe et al. | 08/26/97 |
| | A52 5,671,202 | Brownstein et al. | |
| in T | A53 5,677,952 | Blakley, III et al. | 10/1/4/97 |
| W | A54 5,680,383 | Clark et al. | 10/21/97 |
| | A55 5,681,633 | Onagi et al. | 10/28/97 |
| in | A56 5,706,047 | Lentz et al. | 01/96/98 |
| | A57 5,706,266 | Brownstein et al. | 01/96/98 |
| ru | A58 5,740,574 | Piraino | 04/2/1/98 |
| | A59 5,760,384 | Itoh et al. | 06/92/98 |
| 24 | A60 5,761,301 | Oshima et al. | 06/92/98 |
| 1/1 | A61 5,770,348 | Kondo | 06/23/98 |
| | A62 5,790,489 | O'Connor | 08/04/98 |
| 100 | A63 5,805,549 | Fite et al. | 09/08/98 |
| 4 | A64 5,805,551 | Oshoma et al. | 09/08/98 |
| m | A65 5,815,484 | Smith et al. | 09/2/9/98 |
| w | A66 5,841,861 | Kondo et al. | 11/24/98 |
| | A67 5,847,141 | Malkin | 12/08/98 |
| m | A68 5,881,038 | Oshima et al. | 03/89/99 |
| in | A69 5,905,800 | Moskowitz et al. | 05/18/99 |
| 1111 | A70 5,907,144 | Poon et al. | 05/25/99 |
| he | A71 5,915,027 | Cox et al. | 06/22/99 |
| | A72 5,923,754 | Angelo et al. | 07/2/3/99 |
| ni | A73 5,930,215 | Fite et al. | 07/2/1/99 |
| n | A74 5,933,498 | Schneck et al. | 08/03/99 |
| 12 | A75 5,936,878 | Arsenov et al. | 08/1/0/99 |
| | A76 5,937,164 | Mages et al. | 08/10/99 |
| Ret 1 | A77 5,945,252 | Sokoluk et al. | 08/2/1/99 |
| | A78 5,953,417 | Quan | 09/1/4/99 |
| 1 | A79 5,963,536 | Vasic et al. | 10/05/99 |
| 12 | A80 5,949,601 | Braithwaite et al. | 09/9/1/99 |
| 1 | A81 6,002,830 | Quan | 12/14/99 |
| 12-1 | A82 6,009,065 | Glushko et al. | 12/28/99 |
| 7 | A83 6,011,772 | Rollhaus et al. | 01/04/00 |
| / NL | A84 6,018,374 | Wrobleski | 01/25/00 |
| ut W | A85 6,027,855 | Sokoluk et al. | 02/22/00 |

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92/3/07

| | | | ied) July 0 | , 2001 E | | | | |
|------------------------------|-------------|--|---|-----------------------------|--|------------------------|--|----------------------|
| FORM PTO- | 1449/A aı | nd B (Modif | ied) July B | A | APPLICATION NO.: 09/608,886 | ATTY. | DOCKET NO.: L05 | 32/7012 |
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| <u></u> | | <u>. </u> | | U.S. | . PATENT DOCUMENTS | <u>I.</u> | y wyo | |
| Fi1- | Cite | U | .S. Patent Docum | | Name of Patentee or Applicant of | Cited | Date of Publication | on or of issue |
| Examiner's Initials# - | No. | | Number | Kind Code | Document | | of Cited Do MM-DD- | |
| -AK/ | D1 | 6,009,07 | '1 | | Ahn et al. | | Dec. 28, 1999 | ··· |
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| | | | | | ubmitted to the office in a prior application, Seri | al No | filed | , and |
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[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

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| FORM PTO- | 1449/A and B (Modified) | SATENT & TRADEMEN | APPLICATION NO.: 09/608,886 | ATTY. DOCKET NO.: L0532/7012 |
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| | | | U.S. PATENT DOCUMENTS | |
| | 1 1 | _ | | |

| Examiner's Initials# | Cite | U.S. Patent Doc | ument | Name of Patentee or Applicant of Cited | Date of Publication or of issue |
|-------------------------|---------------|-----------------|--------------|--|---------------------------------|
| | No. | Number | Kind Code | Document | of Cited Document MM-DD-YYY |
| 越出 | El | 6,099,930 | | Cyr et al. | Aug. 2, 2000 |
| - Lu | E2 | 5,182,669 | | Chikuma et al. | Jan. 26, 1993 |
| | | | | | , |
| | <u> </u> | | | RECEIVE | 1 |
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FOREIGN PATENT DOCUMENTS

| Examiner's Initials# | Cite No. | Foreign Patent Document | | ment | Name of Patentee or Applicant of Cited | Date of Publication of | Translation |
|-------------------------|-------------|-------------------------|--------|--------------|--|------------------------------|-------------|
| | | Office/ Country | Number | Kind Code | Document (not necessary) | Cited Document MM-DD-YYYY | (Y/N) |
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OTHER ART — NON PATENT LITERATURE DOCUMENTS

| Examiner's | Cite | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published. | Translatio |
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM PT | O-1449(M | odified) | | ATTY. DOCKE | T NO.: L0532/7012/NPF | | SERIAL NO.: 09/6 | 608,886 | |
|--------------|------------|---|-------------------|---------------------------------|---|--------------|---|----------------------|------|
| LIST OF | PATENTS | S AND PUBLICATIONS FO TION DISCLOSURE STAT | R APPLICANT'S | APPLICANT: F | Richard SELINFREUND, et al. | | | | |
| | INFORMA | TION DISCLOSURE STAT | EMEN I | FILING DATE: | June 30, 2000 | | GROUP: 2752 | 2653 | १२/६ |
| | | | | U.S. PATENT | DOCUMENTS | | • | | |
| Exam Init | Ref Des | Document No. | Date | Name | 1012 | Clas | Sub S Class | FILING DAT | |
| ALU | | 4,450,231 | 05/22/84 | Ozkan | NOV 1 2 2000 | 1- | DECE | :IVED | |
| Alle | | 5,468,650 | 11/21/95 | Skov et al. | NOV 1 3 2000 | | HEUL | IVED | |
| All Me | | 5,546,471 | 08/2/3/96 | Merjanian | E LE | | NOV 1 | 5 2000 | |
| AT W | | 5,966,205 | 10 <i>LYZ</i> /99 | Jung et al. | TO DEMERY | | 1101 | | |
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| | | | | FOREIGN PATEN | IT DOCUMENTS | | | | |
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| | TO-1449(N | Modified) | NOV 1 7 20 | ATTY. DOCKET NO.: L0532/7012/NPF | SEF | RIAL NO.: 09 | /608,886 |
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| | INFORM. | ATION DISCLOSURE S | | FILING DATE: June 30, 2000 | GRO | OUP: 2752 | 2653 |
| | | | | U.S. PATENT DOCUMENTS | | _ | |
| Exam Init | Ref Des | Document No. | Date | Name | Class | Sub Class | FILING DATE If Appropriate |
| A | | 5,039,490 | 08/1/3/91 | Marsoner et al. | | 3 | |
| - | - | | | | | | \$, |
| | | | | | ECANO. | Co | |
| | 1 | <u></u> | | | Tachnolog | W To | 2 |
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| | | Country & Doc. No. (11) | Pub. Date (43) | | Class | Sub Class | Translation Yes No |
| | - | | | | | | |
| | | | | | | | |
| | - | | | | | | 1 - |
| | | | ,, , , , | OTHER ART | ` | • | |
| | | Bruno, A., e | et al., "All-Solid-St | Author, Title, Date, Pertinent Pages, Publication, Etc ate Miniaturized Fluorescence Sensor Array for | the Determin | ation of Crit | ical Gases and |
| <u> </u> | <u> </u> | Electrolytes | in Blood," Analyt | ical Chemistry, 69: 507-513, February 1, 1997 | | | |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial/if reference considered, whether or not citation is in conformance with MPEP

609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant

09/603286 1258 AUS 3 0 2000

| 1. | | | |
|-----|-----------|-----------|---------------|
| was | 5,989,835 | 11/2/8/99 | Dunlay et al. |
| W | 5,998,128 | 12/07/99 | Roelant |
| u a | 6,001,573 | 12/1/1/99 | Roelant |
| | | | |

| FOREIGN PATENT DOCUMEN | ITS |
|------------------------|-----|
|------------------------|-----|

| | Country & Doc. No. (11) | Pub. Date (43) | | Class | Sub Class | Translati Yes | ion No |
|--|----------------------------|-------------------|---------------|-------|--------------|------------------|-----------|
| (建/ | DT 2 118 928 | 11/94/71 | Lindmark | | - | | х |
| | DE 196 17 106 A1 | 10/28/97 | Lucht et al. | | | Abstract | |
| / | EP 0 327 163 A2 | 08/09/89 | Wraith et al. | | | | |
| | EP 0 589 991 B1 | 04/96/94 | Gullick | | | | x |
| 7 | EP 0 591 315 B1 | 04/2/3/94 | Gullick | | | | |
| | EP 0 736 767 A1 | 10/ 99 /96 | Bruno et al. | | | Abstract | |
| 7. | GB 1 334 866 | 10/24/73 | Bade et al. | | | | |
| | GB 2 258 528 A | 02/10/93 | Yeudall | | | | |
| | GB 2 298 713 B | 09/1/1/96 | Camilleri | | | | |
| P | GB 2 334 574 A | 08/2/5/99 | Taylor et al. | | | | |
| | JP 63184039 | 07/29/88 | Nakanebu | | + (- | | |
| 7 | WO 95/06249 | 03/02/95 | Garner et al. | | | | |
| 2/ | WO 97/31332 | 08/2/8/97 | Squires | | 1 | | |

OTHER ART

| (| (Including Autr | nor, Title, Da | te, Pertinent Pa | iges, Publication, E | =tc.) |
|---|-----------------|----------------|------------------|----------------------|-------|
| | | | | | |

| av | 1st Advanced Packaging Technology Conference held November 9-11, 1998, downloaded from http://auburn.main.com/tse/imi/completed/advanced-pkg-euro.html; downloaded July 1999 |
|--------|--|
| il age | AOAC Official Methods of Analysis, 1900, pp. 752-754 |
| ant | Amato, "Fomenting a Revolution, in Miniature," Science, vol. 282, pp. 402-404, October 16, 1998 |
| W | Anslyn et al. "Rapid and Efficient Analysis of Multiple Chemical/Biochemical Agents in Solution Using Sensor Arrays: Toward the Development of an Electronic Tongue," The University of Texas at Austin, undated |
| M | Barrett, "Molecular Fingerprinting of Food Bourne Pathogens," CDD IFT Symposium, June 21-22, 1996 |
| w | Biacore Website, "Sensor chips for BIACORE analysis systems", downloaded from webmaster.bia@eu.biacore.com; undated |
| u | Biacore Website, "Principles of BIAtechnology", downloaded from webmaster.bia@eu.biacore.com, undated |
| u | Biacore Website, "protein binding", downloaded from webmaster.bia@eu.biacore.com, undated |
| W- | Biodiscovery website, "Inventing Expression Bioinformatics", undated |
| WT | Biocode product literature, "Covert Product Identification" |
| at | Bock, G., et al., "Photometric Analysis fo Antifading Reagents for Immunofluorescence with Laser and Conventional Illumination Sources," Journal of Histochemistry and Cytochemistry, 33: 699-705 (1985) |
| | Cambridge Healthtech Institute Website, downloaded from www.healthtech.com, undated |
| m | Chan et al., Biochem, Biophys, Acta, Vol. 204, p. 252, 1970 |
| ar. | Constant et al., ACS Abstract, Issue of Chemical and Engineering News, August 25, 1994 |
| wite | Coons et al., J. Exp. Med., Vol. 91, pp. 1-14, 1950 |

477432

| <i>'</i> / | to | | | | Corning Microarray Technology Website, "CMT-GAPS Coated Slides - FAQ's", downloaded from www.cmt.corning.com/dev/company info/who/techno, October 26, 1999 |
|------------|-----|----------|---------|----------|---|
| 'n | | | | | Crossley et al., Journal of the Chemical Society, Perkin Transactions 2, 1615 (1994) |
| | ut | _ | To | | Dragoco Report, pp. 12-13, 1990 |
| Ĺ | · / | 7 | 7 | <u> </u> | Fluorescent Inks, downloaded from http://www.uvp.com/html/inks.html; downloaded July 1999 |
| И | | AUS | 3 0 200 | | Freemantle, "Downsizing Chemistry: Chemical analysis and synthesis on micriships promise a variety of potential benefits", C&EN London, pp. 27-36, February 22, 1999 |
| | B | | | Sal Sal | Furneaux et al., "The formation of controlled-porosity membranes from anodically oxidized aluminum", Nature, Vol. 337, No. 6203, pp. 147-149, January 12, 1989 |
| i | | 18 | DEMAR | | Furomoto et al., IEEE, J. Quantum Electron, QE-6, 262 (1970) |
| 1 | | | | | Genometrix Website, undated |
| U | | | | | Gill, D., "Inhibition of fading in fluorescence microscopy of fixed cells," Dept. of Physics, Ben Gurion University, Israel (July 1978) |
| Ũ | | | | | Glabe et al., "Preparation and Properties of Fluorescent Polysaccharides," Analytical Biochemistry, Vol. 130, pp. 287-294, 1983 |
| h | 1 | | | ., | Huff, J., "Enhancement of Specific Immunofluorescent Findings with Use of a Para-Phenylenediamine Mounting Buffer," Journal of Investigative Dermatology, 78: 449-450 (1982) |
| <u>'</u> _ | | | | | Iatridou, H., et al., Cell Calcium, Vol. 15, pp. 190-198, 1994 |
| 1 | | | _ | | The Invisible Barcode, downloaded from http://www.canadianpackaging.com/Caging, downloaded July 1999 |
| U | | | | | Johnson, G.D., et al., "Fading of Immunofluorescence during Microscopy: a Study of the Phenomenon and its Remedy," Journal of Immunological Methods, 55: 231-242 (1982) |
| n | | | | | Johnson, G.D., et al., "A Simple Method of Reducing the Fading of Immunofluorescence During Microscopy," Journal of Immunological Methods, 43: 349-350 (1981) |
| l | | | | | "Junior LB 9509, the portable luminometer; downloaded from http://www.berthold.com.au/bioanalytical pages/LB9509.html, downloaded October 26, 1999 |
| l | 14 | | | | Larsen, R., et al., "Spectroscopic and Molecular Modeling Studies of Caffeine Complexes with DNA Intercalators," Biophysical Journal, 70:443-452 (January 1996) |
| L | | · | | | Lee, S.P., et al., "A Fluorometric Assay for DNA Cleavage Reactions Characterized with BamHl Restriction Endonuclease," Analytical Biochemistry, 220: 377-383 (1994) |
| L | | | | | Minta et al., "Fluorescent Indicators for Cytosolic Calcium Based on Rhodamine and Fluorescein Chromophores," Journal of Biological Chemistsry, Vol. 264, No. 14, pp. 8171-8178, May 15, 1989 |
| u | | | 0 | | Packard Website, "The Biochip Arrayer", downloaded from www.packardinst.com/prod_serv/-Biochiparrayer.htm, October 26, 1999 |
| L | | | | | Packard Instrument Company website disclosure: Tools for Life Science Research, pp. 1-2 |
| 1 | 12 | _ | V | | Phosphor Technology, downloaded from http://www.phosphor.demon.co.uk/iruv.htm; downloaded July 1999 |
| u | | | | | Platt, J. L., et al., "Retardation of Fading and Enhancement of Intensity of Immunofluorescence by p-Phenylenediamine," Journal of Histochemistry and Cytochemistry, 31:840-842 (1983) |
| 2 | | 170 | | | Practical Fluorescence, Second Edition, G.G. Guilbault, Editor, Marcel Dekker, Inc., p. 32, 1990 |
| L | P | | 7 0 | | Raybourne, "Flow Cytometry in Food Microbiology," IFT Symposium FDA June 21-22, 1996 |
| Ü | M | - | | | Schauer et al., "Cross-reactive optical sensor arrays", ACS Meetings, San Francisco National Meeting, Downloaded from http://schedule.acs.org/cgi-bin/ACS/perso, March 7, 2000 |
| 1 | | | | | Service, "Coming Soon: The Pocket DNA Sequencer," Science, Vol. 282, October 16, 1998 |
| 1 | 1-M | | | | Service, "Microchip Arrays Put DNA on the Spot," Vol. 282, October 16, 1998 |

who

| W AR | Skolnick, "Russian and US Researchers Develop 'Biochips' for Faster, Inexpensive Biomedical Tests", JAMA, Vol. 275, No. 8, pp. 581-582, February 28, 1996 |
|--------------|---|
| 015 | Stanley, "UT scientists engineer a tiny arbiter of taste", Austin American Statesman Newspaper, p. B1, July 26, 1998 |
| | Stringer, "Photonics Center launches three new companies", Mass. High Tech., p. 11, April 26-May 2, 1999 |
| AUG 3 0 2000 | Stryer, L., "Fluorescence Energy Transfer as a Spectroscopic Ruler," Ann. Rev. Biochem., 47:819-46 (1978) |
| L CHOEMARIS | Uchiyama, H., et al., "Detection of Undegraded Oligonucleotides in Vivo Fluorescence Resonance Energy Transfer," Journal of Biological Chemistry, 271: 380-384, January 1996) |
| a | V.L. Engineering, Our Products, downloaded from http://www.vlengineering.com/products/wizard_PV6A, Downloaded July 1999 |
| 4 16/ | Wittwer, C.T., et al., "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification," BioTechniques, 22:130-138 (January 1997) |
| (Met) | 1 Ates May 2 - 10 12 - 194039 |

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|--|------------------------|-------------------------------|----------------------------|--|--|
| | | | 150 | | 1756 |
| May I | 5,614,008 | 03/25/97 | Escano et al. | | - I |
| 4 | 5,618,682 | 04/08/97 | Scheirer | | |
| 4 | 5,625,706 | 04/29/97 | Lee et al. | | |
| | 5,631,170 | 05/20/97 | Lee et al. Attridge | | |
| | 5,632,959 | 05/2/1/97 | Mohajer | | |
| | 5,641,640 | 06/2/4/97 | Hanning | | |
| | 5,650,062 | 07/2/2/97 | Ikeda et al. | | 1 |
| | 5,651,869 | 07/29/97 | Yoshioka et al. | | |
| 11-1 | 5,665,151 | 09/99/97 | Escano et al. | | |
| | 5,671,288 | 09/23/97 | Wilhelm et al. | | |
| | 5,673,338 | 09/2/0/97 | Denenberg et al. | | |
| | 5,710,626 | 01/20/98 | O'Rourke et al. | | |
| | 5,711,915 | 01/27/98 | Siegmund et al. | | |
| | 5,716,825 | 02/10/98 | Hancock et al. | | |
| | 5,719,948 | 02/1/98 | Liang | | |
| | 5,728,350 | 03/1/1/98 | Kinoshita et al. | | |
| | 5,736,342 | 04/9/1/98 | Van Wie et al. | | |
| | 5,753,511 | 05/19/98 | Selinfreund | | |
| 1 | 5,762,873 | 06/99/98 | Fanning et al. | | |
| 7 . | 5,773,808 | 06/30/98 | Laser | | |
| | 5,774,160 | 06/30/98 | Gundjian | ++ | |
| | 5,776,713 | 07/0/1/98 | Garner et al. | 5-06-17 | 17.74 |
| | 5,784,193 | 07/2/1/98 | Ferguson | | 1 |
| | 5,786,182 | 07/28/98 | Catanzariti eta l. | - | |
| 1-1-1- | 5,786,509 | 07/28/98 | Belding et al. | - | |
| | 5,800,785 | 09/01/98 | Bochner | | - |
| | 5,807,625 | 09/1/5/98 | Amon et al. | - - | |
| | 5,811,152 | 09/2/2/98 | Cleary | - - | |
| | 5,811,132 | 10/96/98 | Fernandez et al. | | |
|] - | 5,822,473 | 10/3/3/98 | Magel et al. | | |
| | | 11/1//98 | Lent et al. | | |
| 7 | 5,837,042 | 12/22/98 | Wolf et al. | | |
| | 5,851,489 5,856,174 | 01/95/99 | Lipshutz et al. | | + - + |
| 1-1- | | 01/19/99 | Berson | | 1 1 |
| | 5,861,618 5,867,586 | 02/02/99 | Liang et al. | | 1 1 |
| } | 5,874,219 | 02/3/3/99 | Rava et al. | | + + |
| | 5,919,712 | 07/06/99 | Herron et al. | | + |
| | | 07/1/3/99 | Ikeda et al. | | |
| - | 5,922,188 | 07/1/3/99 | Everhart et al. | | 1 |
| 7- | 5,922,591 | 07/1/3/99 | Anderson et al. | | 1 |
| 1 | 5,922,594 | 07/1/2/99 | Löfås | | |
| | | 07/1/3/99 | Laskowski | | |
| | 5,923,413 | 07/27/99 | | | |
| 4 | | 08/V//99 | Papen et al. | | + |
| | 5,939,024 | 09/2/1/99 | Robertson | | |
| | 5,955,352 | | Inoue et al. | - | - - |
| 4 | 5,955,729 5,961,926 | 09/2 /1 99 10/95/99 | Nelson et al. Kolb et al. | - | |

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LIST OF PATENTS AND PUBLICATIONS PORTEGING ANT'

ATTY. DOCKET NO.: L0532/7012

SERIAL NO.: 09/608,886

APPLICANT: Richard H. Selinfreund, et al.

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FILING DATE: June 30, 2000

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U.S. PATENT DOCUMENTS

| - Exam Init | Ref Des | Document No. | Date | Name- | Class | Sub Class | FILING DATE If Appropriate |
|----------------|--------------|--------------|-----------|---------------------|--|---|----------------------------|
| -BAK / | +=== | Des. 248,044 | 05/2/0/78 | Odom, Jr. et al. | | | |
| 201 | | Des. 414,272 | 09/2/1/99 | O'Bear et al. | | ++ | |
| | | 1,822,098 | 09/9/8/31 | Huntress | | | |
| \vdash | - | 2,265,196 | 12/41 | Riley | - | | - |
| | | 2,521,124 | 09/95/50 | Miller | | | |
| | | 3,356,462 | 12/9/5/67 | Cooke et al. | | | |
| 1 | | 3,412,245 | 11/2/9/68 | Halverson | - - - - - - - - - | -+-} | |
| | + | 3,444,517 | 05/1/3/69 | Rabinow | | | |
| | | 3,473,027 | 10/1/4/69 | Freeman et al. | | - | |
| + | | 3,500,047 | 03/10/70 | Berry | | | - |
| | + | 3,533,744 | 10/1/5/70 | Unger | | ++- | + . |
| - | _ | 3,591,283 | 07/96/71 | Peisach | | ++- | + |
| 1 | + | 3,624,644 | 11/2/0/71 | Higgins | | + + | |
| 1 | + | 3,649,464 | 03/14/72 | Freeman | | +++ | |
| 7 | + | 3,662,181 | 05/99/72 | Hercher et al. | | | <u></u> |
| -1 | + | 3,663,813 | 05/16/72 | Shaw | | + + | |
| | + | 3,886,083 | 05/2/1/75 | Laxer | | | - |
| 4 | + | 3,928,226 | 12/2/3/75 | McDonough et al. | | | |
| _ | | 3,992,158 | 11/1/6/76 | Przybylowicz et al. | | - | - |
| + | | 3,996,006 | 12/9/1/76 | Pagano | 11 | | |
| - | | 4,015,131 | 03/29/77 | McDonough et al. | | | |
| | 1 | 4,018,643 | 04/19/77 | Levine | | ++ | |
| | | 4,038,151 | 07/26/77 | Fadler et al. | | | |
| | | 4,053,433 | 10/1/1/77 | Lee | | | - |
| 7 | | 4,077,845 | 03/9/1/78 | Johnson | | -1-1 | - |
| | | 4,078,656 | 03/1/4/78 | Crane et al. | | | |
| | | 4,087,332 | 05/02/78 | Hansen | 1 | | |
| | | 4,118,280 | 10/9/3/78 | Charles et al. | 11 | | |
| U . | | 4,146,792 | 03/2/1/79 | Stenzel et al. | 11 | | 1 |
| 7 | | 4,154,795 | 05/1/5/79 | Thorne | | | |
| | 1 | 4,202,491 | 05//3/80 | Suzuki | | | |
| | | 4,235,964 | 11/2/5/80 | Bochner | - \ | | |
| | | 4,243,694 | 01/96/81 | Mansukhani | | | |
| 7. | | 4,260,392 | 04/0//81 | Lee | 11 | 11 | |
| | | 4,329,317 | 05/1/1/82 | Detweiler et al. | | | |
| 1. | | 4,365,970 | 12/28/82 | Lawrence et al. | | | |
| -1- | | 4,382,064 | 05/03/83 | Detweiler et al. | | | |
| | | 4,387,112 | 06/07/83 | Blach | | 1 | |

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|---|---|----|
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| 10 | 17 Je Aug 3 0 2000 y | | | | | | |
|----------|----------------------|----------------------------------|--------------------|----------|----------|-----------------------|----------|
| a sur as | 4,439,356 | 03/24/18 05/26/84 05/29/84 | Khanna et al. | — | | | |
| a | 4,451,521 | 05/26984 | Kaule et al. | | [| | |
| | 4,451,530 | DE 05/29/84 | Kaule et al. | | | | |
| m | 4,468,410 | 08/2/8/84 | Zeya | | | | |
| an | 4,485,308 | 11/27/84 | Rabatin | | I | | |
| an | 4,486,536 | 12/94/84 | Baker et al. | | | | |
| a | 4,501,496 | 02/26/85 | Griffin | | | | |
| W. | 4,514,085 | 04/3/0/85 | Kaye | | | | |
| n | 4,540,595 | 09/10/85 | Acitelli et al. | | | | |
| m | 4,557,900 | 12/10/85 | Heitzmann | | | | |
| u | 4,567,370 | 01/28/86 | Falls | | | | |
| m | 4,589,551 | 05/20/86 | Hellon | | | | |
| a | 4,589,743 | 05/20/86 | Clegg | | | | |
| u | 4,598,205 | 07/01/86 | Kaule et al. | | | | |
| W | 4,620,776 | 11/94/86 | Ima | | | | |
| M | 4,631,174 | 12/23/86 | Kondo | | | | |
| Met | 4,632,901 | 12/20/86 | Valkirs et al. | | | | |
| m | 4,642,526 | 02/10/87 | Hopkins | | | | |
| 1 | 4,736,425 | 04/9/5/88 | Jalon | | | | |
| 4 | 4,746,631 | 05/24/88 | Clagett | | | | |
| 4 | 4,756,557 | 07/)/ 2/88 | Kaule et al. | | | | |
| | 4,767,205 | 08/20/88 | Schwartz et al. | | | | |
| U4 | 4,789,804 | 12/96/88 | Karube et al. | | | | |
| a | 4,806,316 | 02/21/89 | Johnson et al. | | | | |
| a | 4,818,677 | 04/04/89 | Hay-Kaufman et al. | | | | |
| 4 | 4,865,812 | 09/2/89 | Kuntz et al. | | | | |
| and | 4,882,195 | 11/2/1/89 | Butland | | | | |
| al | 4,889,365 | 12/26/89 | Chouinard | | | | |
| que l | 4,897,173 | 01/30/90 | Nankai et al. | | | | |
| g | 4,921,280 | 05/91/90 | Jalon | | | | |
| | 4,927,180 | 05/22/90 | Trundle et al. | | | | |
| 9 | 4,948,442 | 08/) 4/90 | Manns | | | | |
| 44 | 4,966,856 | 10/3/0/90 | Ito et al. | | | | |
| u | 4,983,817 | 01/98/91 | Dolash et al. | | | | |
| a l | 5,005,873 | 04/99/91 | West | | | | |
| gut | 5,018,866 | 05/2/8/91 | Osten | | | | |
| gut ! | 5,030,421 | 07/09/91 | Muller | | | | |
| great 1 | 5,030,832 | 07/99/91 | Williams et al. | | | - | |
| 4 | 5,047,215 | 09/10/91 | Manns | | <u> </u> | $\sqcup \bot$ | |
| 4-1 | 5,049,673 | 09/1/1/91 | Tsien et al. | | <u> </u> | \sqcup | |
| | 5,093,147 | 03/9/3/92 | Andrus et al. | | 1 | $\sqcup \!\!\! \perp$ | |
| 44 | 5,106,582 | 04/2/1/92 | Baker | | | \sqcup | 1 |
| 4 | 5,118,349 | 06/9/2/92 | Jalon | | <u> </u> | 11 | 1 |
| | 5,128,243 | 07/97/92 | Potter et al. | | | 1 | <u> </u> |
| 7 | 5,128,882 | 07/07/92 | Cooper et al. | <i></i> | | $\vdash \downarrow$ | |
| 4 | 5,135,569 | 08/04/92 | Mathias | 11 | | | |
| m see | 5,139,812 | 08/1/8/92 | Lebacq | <u></u> | | | <u> </u> |
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| 4 | | | | IPA | | | | / | (<i>038</i> 2 1756 | |
| Was | 5,147,042 | 09/1/5/92 | Levy 2 AUS | 3 0 2000 | | | | | , | |
| | 5,176,257 | 01/05/93 | Levy A | OEMARK CER | |) | , | | | |
| W | 5,194,289 | 03/16/93 | Butland C. | \$ | | | П | | | *** |
| ur I | 5,200,051 | 04/06/93 | Cozzette et al. | DEMARK | | | П | | ······································ | |
| | 5,208,630 . | 05/9/4/93 | Goodbrand et al. | | | | | | | |
| well | 5,246,869 | 09/21/93 | Potter et al. | | | | | | | |
| w | 5,260,032 | 11/09/93 | Muller | - | | | \Box | | | |
| 1 | 5,264,103 | 11/23/93 | Yoshioka et al. | - | | | \Box | | | |
| | 5,272,090 | 12/21/93 | Gavish et al. | | - | | | | | |
| | 5,279,967 | 01/1/8/94 | Bode | | | | | | | |
| | 5,282,894 | 02/01/94 | Albert et al. | | | 1 | | | | |
| With the | 5,286,286 | 02/15/94 | Winnik et al. | | | 1 | | | - | - |
| 4 | 5,292,000 | 03/9/8/94 | Levy | | | T | H | | | |
| | 5,292,855 | 03/98/94 | Krutak et al. | | | | \sqcap | | | |
| il I | 5,313,264 | 05/1/1/94 | Ivarsson et al. | | - | | | | - | |
| | 5,319,436 | 06/87/94 | Manns et al. | | | | | | | |
| | 5,321,261 | 06/14/94 | Valenta | | | + | | | | |
| | 5,336,714 | 08/99/94 | Krutak et al. | | 7 | | | | | |
| 4 | 5,338,066 | 08/1/6/94 | Gundjian | | | + | Н | | | |
| un l | 5,338,067 | 08/16/94 | Gundjian | | | + | | | | |
| | 5,360,628 | 11/91/94 | Butland | | - | + | H | | | |
| | 5,366,902 | 11/22/94 | Cox et al. | | | | H | - 19 | | |
| | 5,409,583 | 04/2/5/95 | Yoshioka et al. | | | + | \vdash | | | |
| | 5,409,666 | 04/28795 | Nagel et al. | | | + | \vdash | | | |
| | 5,418,855 | 05/2/3/95 | Liang et al. | | | + | H | | | |
| at 1 | 5,421,869 | 06/96/95 | Gundjian et al. | | | - | H | | | |
| | 5,424,959 | 06/2/3/95 | Reyes et al. | | | | ┢ | | | · |
| | 5,429,952 | 07/94/95 | Garner et al. | | 1 | | \vdash | | | |
| 拓土 | 5,438,403 | 08/01/95 | Hoshino et al. | | + | | | | | |
| | 5,450,190 | 09/1/2/95 | Schwartz et al. | | + | | Н | | | |
| | 5,457,527 | 10/10/95 | Manns et al. | | \vdash | | Н | | | |
| | 5,494,638 | 02/2/1/96 | Gullick | | + | | H | | | |
| uz | 5,496,701 | 03/9/5/96 | Pollard-Knight | | + | | H | | | |
| 4-1- | 5,498,549 | 03/2/2/96 | Nagel et al. | | + | | \vdash | | | |
| | 5,516,362 | 05/1/4/96 | Gundjian et al. | | + | | H | | | |
| | 5,521,984 | 05/28/96 | Denenberg et al. | | + | | | | _ | |
| at 1 | 5,525,516 | 06/11/96 | Krutak et al. | | + | | | | | |
| ## T | 5,545,567 | 08/3/3/96 | Gretillat et al. | | 1 | | | | | |
| and t | 5,547,501 | 08/20/96 | Maruyama et al. | | + | - | | | <u></u> | <u>-</u> |
| 4 -1-1- | 5,568,177 | 10/22/96 | Talvalkar et al. | | + | | \vdash | \vdash | | |
| 1/2 + + | 5,569,317 | 10/29/96 | Sarada et al. | | + | | | | | |
| al | 5,574,790 | 11/1/2/96 | Liang et al. | -5 | - 1 | 10 | | 1 1 | | |
| | 5,582,697 | 12/1/2/96 | Ikeda et al. | | 1 | | | 1 | <u> </u> | |
| st - | 5,589,350 | 12/36/96 | Bochner | | | \vdash | \vdash | \vdash | | |
| 4 | 5,599,578 | 02/0/1/97 | Butland | | _ | | \vdash | | <u>.</u> | |
| 1 | 5,608,225 | 03/94/97 | Kamimura et al. | | 1 | 1 | | | 13 | - |
| AR/ | 5,611,433 | 03/18/97 | Levy | | - | | | | | |
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